BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

DIVISION: DASARAHALLI

SUB DIVISION: SHETTYHALLI

NAME OF WORK : ***Improvements to road and drains at Chikkasandra village in ward no 12, Shettyhalli sub Division***

Estimated Cost : 15.00 Lakhs
Job No : 012-18-000032
(P Code - 3296)

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DASARAHALLY ZONE

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Est .Cost Rs. 15.00 Lakhs			*P code : 3296*				*Job No :012-19-000032*		
Sl. No.	**Description of work**	**Unit**	**Measurements**				**Qty**	**Rate**	**Amount**
			No	**L**	**B**	**D**			
1	**Earthwork excavation by manual means in Ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts etc., complete as per the direction of Engineer-in-charge of the work.**(PWD SR 2018-19, Page No.142, Item No. 19.1)** including Conveying the excavated earth silt, debris and over burden earth etc., to lead of 0 to 5 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of Engineer-in-charge of the work								
	Drain	**cum**	1	70.00	1.20	1.00	84.00		
	desilting of drains		6	100.00	0.60	0.60	216.00		
			6	285.00	0.60	0.60	615.60		
			8	350.00	0.60	0.60	1008.00		
			10	200.00	0.60	0.60	720.00		
							2643.60	**211.79**	**559883.00**
	Basic Rate	**130.00**							
	add loading & unloading	57.00							
	lead for 5 km=5*1.28*2.0	12.80							
	Total	199.80							
	add AW 6%	11.99							
		211.79							
2	KSRRB M2100 -10. **Plain cement concrete of mix 1:3:6** with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46 cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scafofolding and centering complete as per specifications MORTH Specification No. 2100 **(PWD SR 2017-18 Page No.222 , Item No. 27.18)**								
		cum	1	70.00	1.20	0.15	12.60		
							12.60	**5421.90**	**68316.00**
	Basic rate	5115.00							
	Add AW 6%	306.90							
		5421.90							
3	Providing laying palin / reinforced cement concrete for **side Drain using M20 nominal mix concrete** with OPC at 300 kgs with 20 mm and down size granite metal coarse aggregates at 0.69 cum fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom **including centering, shuttering, cost of materials,** HOM of machinery, curing etc., completet excluding cost of steel ae per MMORTH specification No 1500, 1700, 2200. including cost of materials, labour, HOM completet as per specificatios. wall and bottom thickness 15 cms **(PWD SR 2018-19 It No 37.59.1 Page No 271)**								
	Drain bed								

a		cum	1	70.00	1.10	0.15	11.55		
b	side wall								
			2	70.00	0.15	0.70	14.70		
	Basic rate	6670.00					26.25		
	Add AW 6%	400.20					26.25	7070.20	185593.00
		7070.20							
4	KSRRB M2200-6. **Supplying, fitting and placing TMT bar Fe 500** reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 **[P. No.229 - It No.28.8.2]**								
	for drain	**Tonne**		Qty=It 3(a)x65 kg			1706.25		
	for Culverts			Qty=It 3(b)x 80 kg			0.00		
	Basic rate	68223.00					1706.25		
	Add AW 6%	4093.38				or say	1.71	72316.38	123390.00
		72316.38							
5	**Supplying and fixing precast reinforced concrete slab 10 cm thick** of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mmc/c bothways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials								
	Approved Data rate	**sqm**	2	70.00	0.90		126.00		
		2208.00					**126.00**	**2208.00**	**278208.00**
6	Providing and laying **Pre Cast Drain Cover slabs of 250mm thick for drain** in cement concrete m 20 using graded ganite jelly 20 mm and down size with steel reinforcement, including form work, lift charges, curing and concrte finished surfaces on both side etc complete and as per drawing and directions of Engineer-in- charge of work (Data Rate enclosed)								
	Approved Data rate	**sqm**	1	7.00	1.50		10.50		
		5241.00					**10.50**	**5241**	**55030.50**
7	**Add GST @ 12 %**							**Sub Total**	**1270420.50**
									152450.00
8	**Add Tender Premium @ 5%**								
									63521.03
9	**Add PMC charges @ 1%**								
									12704.00
10	**Add for unforseen charges and rounding off**								
								L.s	**904.47**
	(Rupees Fifteen Lakhs Only)								**1500000.00**

2 *Certified that the work is not split*

3 *Certified that the estimate is based on PW,P&IWTD Bangalore Circle SR of 2016-17*

4 *Certified that Adeqate & necessary provisions have made in the estimate.*

5 *Certified that the above area comes under BBMP limit*

Asst Engineer
Ward-12

Asst.Executive Engineer
Shettyhalli Sub Division

Executive Engineer
Dasarahalli Division

EXECUTIVE ENGINEER
Bruhat Bengaluru Mahangara Palike,
Dasarahalli Division, Bengaluru-57

ಸಂ. EE/DD/AS/137 ದಿನಾಂಕ: 18-19 24/01/19

ರೂ. Rs. 15.00 lacs

Rupees Fifteen lacs only

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. EE/DD/IS/183 ದಿನಾಂಕ: 18-19 24/01/19

ರೂ. Rs. 15.00 lacs

Rupees Fifteen lacs only

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

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